DIGITAL EQUIPMENT CORPORATION

education

EduSystems Price List

October 1, 1971

METHODS OF PURCHASE

Educational customers may purchase computer systems from Digital in one of three ways:

1. Outright Purchase (least expensive alternative since there are no financing charges).
2. Third Party Lease or Rental (TELCO, U.S. Leasing and various banks can offer a variety of plans tailored to individual customers).
3. DEC Lease (5-year lease plan).

EDUCATIONAL LEASE PLAN

Term of Lease—5 years

Monthly Charge—Equal to 2.2% of the purchase price of the equipment. Payments to be made quarterly in advance. Additional interest will be charged for late payment.

Purchase Option—The equipment may be purchased at any time during the term of the lease; 67% of the regular payments may be applied toward the purchase price.

Full Payout—Customer owns system upon payment of 5% of the system cost at the end of five years.

Installation Charge—There will be a one-time charge installation/software charge on systems as follows:

EduSystems 10, 20, 30, 40, 60, 70	$150
EduSystem 40-EDP	$350
EduSystem 50 (TSS/8) and EduSystem 80 (RSTS-11)	$500

Customer must also pay initial freight charges FOB Maynard, Massachusetts or other DEC plant.

Warranty—30 days.

Maintenance—A standard DEC field service maintenance contract is highly recommended but not mandatory. If a contract is not taken, the system must be maintained by DEC "on-call." The customer must have at least one call scheduled every six months for preventive maintenance and to install the latest ECO's.

Termination—Cancellation is permitted after one year subject to the following conditions.

Lessee represents that it has every reason to believe that sufficient funds will be available to enable all payments due under said Lease to be made during the full term of said Lease. If Lessee shall be in default under the Lease because (1) funds are not appropriated during a subsequent fiscal period during the term of the

Lease for the acquisition of services and functions which in whole or in part are essentially the same services and functions for the performance of which the DEC computer system was leased, (2) Lessee has exhausted all funds legally available for all payment due under the lease, (3) there is no other legal procedure by which payment can be made to DEC and (4) such default did not result from any act or failure to act of Lessee, Lessee shall have the right upon the giving of at least 90 days prior written notification to terminate the Lease.

If such Lease is terminated, Lessee agrees that if funds are subsequently appropriated or otherwise acquired at any time during what would otherwise have been the term of the Lease for the acquisition of services and functions which in whole or in part are essentially the same services and functions for the performance of which the DEC computer system was intended, Lessee agrees that it shall purchase, lease, or otherwise acquire such computer system from DEC.

In the event of termination, a penalty shall be charged equal to one month rental payment for each remaining year, or fraction thereof, or the lease.

Return of Equipment—In case of termination, equipment must be returned to DEC in good condition (see Maintenance section above). Customer must pay return freight to Maynard, Massachusetts or other point designated by DEC.

EDUCATIONAL COMPUTER SYSTEMS

STARTER SYSTEMS	Purchase Price	Monthly Lease	Monthly Maint.
EduSystem 10—One terminal computer/supercalculator complete with BASIC software, textbooks and learning aids	$ 7,390	$ 163	$ 87
EduSystem 20—Five terminal interactive BASIC computer system.	17,340	382	247
EduSystem 30/I—One terminal interactive extended BASIC computer system. Includes 32,000-word disk for program and data storage.	14,790	326	120
INTERMEDIATE SYSTEMS			
EduSystem 30—Fast batch and interactive extended BASIC computer system. Includes disk and optical mark card reader.	19,690	434	170
EduSystem 30/T—Dual DECtape version of EduSystem 30.	22,890	504	190
EduSystem 40—Fast batch and five terminal interactive BASIC computer system. Combination of EduSystems 20&30.	29,640	653	330
EduSystem 40/T—Dual DECtape version of EduSystem 40.	32,840	723	350
EduSystem 40/EDP—Administrative data processing version of EduSystem 40. Includes four DECtape units and DECwriter.	35,935	791	296
TOTAL SYSTEMS			
EduSystem 50-8—Complete resource sharing, multi-language, time sharing system. Runs BASIC, FORTRAN, ALGOL, FOCAL and PAL-D. Includes 16,000-word core memory, 262,000-word disk, and 8 terminals (4 teleprinters, 4 DECwriters).	58,470	1,287	519
EduSystem 50-8—Same with DECwriter console terminal only (no user terminals).	44,085	971	309
EduSystem 50-16—A 16-user version of EduSystem 50. Includes 20,000-word core memory, 262,000-word disk, dual DECtape, and 16 terminals (12 teleprinters, 4 DECwriters).	85,070	1,872	872
EduSystem 50-16—Same with DECwriter console terminal only (no user terminals).	58,685	1,292	422
EduSystem 50-16 Super—An extended capability version of EduSystem 50-16 with 24,000-word memory, two 262,000-word disks, four DECtapes, line printer, and 16 terminals (12 teleprinters, 4 DECwriters).	113,270	2,493	1,027
EduSystem 50-16 Super—Same with DECwriter console terminal only (no user terminals).	86,885	1,912	577
EduSystem 80-8—Resource sharing, BASIC-PLUS, time sharing system. Includes 24,000-word core memory, word disk, dual DECtape, and 8 terminals.	65,750	1,447	626
EduSystem 80-8—Same as above without terminals.	53,750	1,183	386
EduSystem 80-16—A 16-user version of EduSystem 80. Includes 28,000-word core memory, 262,000 word disk, dual DECtape, and 16 terminals.	85,550	1,882	944
EduSystem 80-16—Same as above without terminals.	61,550	1,354	464

Upgrading Kits

The cost to upgrade from one EduSystem to the next, is generally equal to the price difference between the two systems plus a nominal field installation charge. For example, the cost to upgrade from EduSystem 10 to 20 would be ($17,000-7,390)=$9,950 plus $790 field installation.

Peripheral Equipment

Alphanumeric terminals, DECtape units, disk drives, line printers, plotters, DECwriters, papertape reader/punches, communications equipment, A/D and D/A converters may be found in the PDP8/e price list for EduSystems 10-50 or the PDP-11/20 price list for EduSystem 80.

Other Educational Hardware Components	Purchase Price
Computerlab—Digital logic training lab complete with patchcord set and workbook containing 30 experiments.	$ 375/one 350/two or more
Interface—Computerlab to PDP8/e computer.	100
Logic Design and Computer Interfacing kit—Interface panel, power supply, cables, integrated circuits (IC's), modules, and 10 student kits for use with PDP8/e computer.	2,290
System Software	
EDU8-B1—EduSystem 10 (4K, single-user PDP8) BASIC compiler tape and manual.	50
EDU8-B2—EduSystem 20 (8K, 1 to 5 user PDP8) BASIC compiler tape and manual.	50
EDU8-B3—EduSystem 30 (4K, Disk or DECtape, PDP8) BASIC compiler tape, manual, optical mark cards, and templates.	50
EDU8-B4—Combined EDU8-B2 and EDU8-B3.	85
TS-E—EduSystem 50 (Timeshared 8) monitor and compiler tapes and manuals.	5,000
Textbooks and Learning Aids	
EDU8-A—Classroom kit of 23 different textbooks with teachers commentaries, 7 books of application and simulation programs, overhead projector transparencies, workbooks and problem sets. Also includes one EDU8-B option listed above.	150
EDU8-A—Same as above without EDU8-B option.	120
E10 DEM—Paper tape and manual of 10 demonstration programs for EduSystem 10.	5
BASIC Applications Programs—Set of 58 programs in mathematics, physics, chemistry, plotting, games, etc. (4 booklets)	4
BASIC Simulation Programs—Programs developed by the Huntington Computer project in biology, earth science, chemistry, physics, mathematics, social studies, and teacher assistance. (6 volumes)	10
Teaching BASIC via the Overhead Projector—Set of 23 projector transparencies and teacher guide.	50
Fundamentals of BASIC—Self-teaching textbook on BASIC.	2
Problems for Computer Mathematics—Set of 80 descriptive problems.	1.25
Paper, Cards, and Supplies	
DEC 36-10074—EduSystem 30 Batch BASIC Optical scan cards, or EduSystem 30 test scoring answer cards	10/box of 2000 40/case of 5 boxes
DEC 1210254—EduSystem 30 Batch BASIC templates (min. quan.: 25).	50¢ each

Paper tape, teletype paper, DECtape, ribbons, etc. may be found in the DEC Supplies Price List.

EDUSYSTEMS 10-50 CONFIGURATION CHART

Central Processor	PURCH.	MO. MAINT.	10	20	30/I	30	30/T	40	40/T	40/EDP	50-8 w/term	50-8 w/o term	50-16 w/term	50-16 w/o term	50-16S w/term	50-16S w/o term
PDP8/E-BA	$4,990	$50	1	1												
PDP8/E-CA	5,640	50			1	1	1	1	1	1	1	1	1	1	1	1
LT33-DC	1,500	30	1	1	1	1	1	1	1	1						
LA30-PA	2,795	30									1	1	1	1	1	1
LC8-E	N/C	1									1	1	1	1	1	1
KP8-E	250	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MI8-EF	500	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1
DK8-EA	250	2									1	1	1	1	1	1
MC8-E (1st 4K)	2,750	20		1				1	1	1	1	1	1	1	1	1
MM8-E (Add'l 4K)	2,500	20								1	2	2	3	3	4	4
Peripherals																
DF32D	6,000	30			1	1		1								
TC08	4,500	20					1		1	1			1	1	1	1
TU56	4,700	30					1		1	2			1	1	2	2
RF08	6,000	35									1	1	1	1	1	1
RS08	9,000	45									1	1	1	1	2	2
DW08A	N/C	—									1	1	1	1	1	1
LE8-FA	12,000	60													1	1
CM8-E	4,900	50				1	1	1	1	1						
KD8-E	500	3			1	1	1	1	1	1	1	1	2	2	2	2
KA8-E	250	3			1	1	1	1	1	1	1	1	1	1	1	1
BE8-A	N/C	—									1	1	1	1	1	1
BA8-AA	N/C	—											1	1	1	1
Terminals																
KL8-E	300	5		4				4	4		4	4	12	12	12	12
LT33-DC	1,500	30		4				4	4		4		12		12	
LC8-E	300	6								1	3	3	3	3	3	3
LA30-PA	2,795	30								1	3		3		3	
Software																
EDU8-A	150	—	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TS-E	5,000	—									1	1	1	1	1	1

Note: EduSystem 80 is based on the PDP11/20. See salesman for exact configuration.

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